

Announcing Call for Entries: Governor's Award for Pollution Prevention

The N.H. Pollution Prevention Program is accepting applications for the 13th Annual Governor's Award for Pollution Prevention until June 1, 2007. As suggested by applicants and judges, the application submittal process has changed from six weeks to almost six months, January until June 1. This change will allow more time for applicants to document measurement, review policy and corporate commitment, and allow the most flexibility for submission.

Winners will receive a hand-cut New Hampshire granite trophy from Governor Lynch, and public recognition in press releases and trade papers. Awards will be presented to the winners in the fall of 2007.

2006 Governor's Award winner Steve Reiter commented, "Park Nameplate Company in Dover believes that everyone has a contribution and can make a difference. This belief drives our environmental management system and general business practices. Our employees are aware of the need for environmental compliance and pollution prevention both at work and in their communities. We are all very proud of the state's recognition for our efforts and hope that other New Hampshire based manufacturers may benefit from our experience."

For an application or for more information, visit online at www.des.nh.gov/nhppp, 1-800-273-9469 or email nhppp@des.state.nh.us.

**2007 National Environmental
Partnership Summit**
"Local Actions, Global Results"
May 7-10, 2007
New Orleans, LA
www.environmentalsummit.org

Local Actions, Global Results Nat'l Environmental Partnership Summit 2007

May 7-10, 2007 • New Orleans, Louisiana

The National Environmental Summit is an interdisciplinary gathering that brings together environmental professionals and assistance programs from diverse sectors all over the country and the world. The Compliance Assistance Providers' Forum, the Performance Track Participants Association, and the National Pollution Prevention Roundtable merged their annual meetings to create the Summit. Representatives from environmental management, state assistance programs, local communities, small businesses, non-profits, and non-governmental organizations are all invited to attend.

The 2007 Summit will offer open dialogues, workshops, case studies, tools, research and technology and environmental futures forecasting on critical ecological issues; culture and sustainability; business, industry and manufacturing; policy management and innovation; community and economic infrastructure; and measurement, metrics and performance.

For information, visit www.environmentalsummit.org.

Interns Saving Money and the Environment **UNH/DES P2 Internship Program**

Pollution prevention interns can save your facility thousands of dollars and reduce the generation of waste, emissions, and waste water discharges in a matter of weeks. For as little as \$5,000, a facility can hire a UNH/DES trained chemical engineering student for 10 weeks over the summer.

During the summer of 2006, five interns were placed at manufacturing facilities around New England. These interns were able to measure actual or potential reductions and savings at their sponsored facility, including these savings:

- Acetone reduction through the installation of distillation unit; 16,137 kg/yr recovered, \$24,589 saved/yr.
- Energy efficiency from insulated boiler and lines; ½ billion BTU saved/yr, \$62,859 saved/yr.
- Waste oil recovered saving energy costs; 268 gallons/yr, \$6,415 saved/yr.
- Technology change by switching to HVLP spray guns; \$28,000 saved/yr.
- Nickel acetate – bath life extension; 9,000 gallons of wastewater reduced, \$19,000 saved/yr.
- Electroless nickel – bath life extension; 9,000 gallons of wastewater reduced, \$12,588 saved/yr.

For more information on the UNH/DES P2 Internship Program, contact Dr. Ihab Farag, UNH, at (603) 862-2313 or email at ihab.farag@unh.edu.

Toxics in Packaging

Nineteen US states, including New Hampshire, have Toxics in Packaging legislation that prohibits the intentional introduction of lead, mercury, cadmium and hexavalent chromium in packaging. The result of a multi-state effort to limit the amount of toxic heavy metals entering the solid waste stream, the toxics in packaging laws, most of which were introduced in the early 1990s, have been instrumental in changing industry practices and removing these persistent bioaccumulative toxins from packaging, and ultimately from entering the environment and adversely impacting public health. The laws, in fact, were so successful that the European Union used the US model as the basis for their own toxics in packaging restrictions.

It is important to note that “packaging” is not limited to the retail level. The law specifies that “*package*” refers to a container providing a means of marketing, protection or handling of a product and shall include a unit package, an intermediate package, and a shipping container as defined in American Society for Testing and Materials (ASTM) D 996. Further, “*packaging component*” means any individual assembled part of a package such as, but not limited to, any interior or exterior blocking, bracing, cushioning, weatherproofing, exterior strapping, coatings, closures, inks and labels.

In the past few years, member states of the Toxics

in Packaging Clearinghouse (TPCH), which coordinates toxics in packaging laws on behalf of nine states, have become aware that not all packaging designers and manufacturers were familiar with the law. In 2005, the TPCH contacted two companies whose packaging included a blinking light powered by a battery that was attached to a printed circuit board with lead solder. (Lead-free solder would have made these packages compliant but it is more expensive.) Both companies undertook a costly and time-consuming recall. A screening effort in 2006 of over 350 packages (over 550 components), including a variety of packaging materials, product categories, and component types revealed a significant number of violations of the law.

For more information on Toxics in Packaging legislation and the Clearinghouse, visit www.toxicsinpackaging.org. In New Hampshire, companies can contact Sharon Yergeau, DES, at (603) 271-2918, syergeau@des.state.nh.us.

40 Under Forty

Congratulations to Sara Johnson, Pollution Prevention Program Manager, for being recognized by the New Hampshire Union Leader, 40 up-and-coming people, all under the age of 40, who are making a difference in New Hampshire. Sara’s commitment to reduce pollution to the environment can be seen through her efforts and projects with healthcare facilities, salvage yards, marinas, and schools.



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